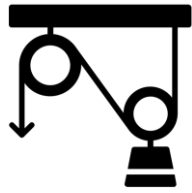


PHYSICS



SKILLS

Year 11

- Use practical skills to calculate the speed of light.
- Apply mathematical skills to physics contexts
- Make concrete links between different physics topics and their relation to current technological advances.
- Use multi-step calculations to derive an answer.

Year 10

- Make links between life choices and physics concepts such as stopping distances
- Recall units for equations and rearrange them as appropriate.
- Analyse graphs for trends and make predictions

Year 9

- Use calculations correctly and begin to rearrange formulae
- Identifying patterns in data and extrapolating the data to make predictions
- Be exposed of up to date scientific discoveries in the world of Physics

Year 8

- Correct use of measuring equipment
- Identifying independent, dependent and control variables
- Use correct scientific terminology in written responses
- Consider environmental impact of human activities

Year 7

- Safe use of common lab equipment
- Writing and following methods
- Using a simple model to explain a complex idea
- Classifying materials using models
- Relating everyday knowledge to abstract situations

KNOWLEDGE

